ABSTRACT

Methods and systems for enabling arbitrary components to communicate with each other. The communication system includes a first set of components associated with one or more universal interfaces that include mobile code. The one or more universal interfaces comprise a data source interface, a data sink interface, an aggregation interface, a mutable aggregation interface, a context interface, a notification interface or a user interface. Further, the universal interfaces associated with the first set of components can be provided to and implemented by a second set of components to enable the second set of components to communicate with the first set of components despite the first set and the second set of component utilizing different communication mediums or protocols.